Contents

Abrams, B. B.

Isoenzymes of Acid Phosphatase and Non-specific Esterases in Cultures of Neoplastic and Normal Tobacco Tissues 53

Allen, T. D., Dexter, T. M.

Cellular Interrelationships during in vitro Granulopoiesis

Ambrose, E. J., Easty, D. M.

Time-Lapse Filming of Cellular Interactions within Living Tissues

III. The Role of Cell Shape 61

Baird, W. L., s. Ellgaard, E. G., et al. 151

Baranov, Y. N., s. Gasaryan, K. G., et al. 41

Bisset, K. A.

Nuclear Activity and Cell Division in the Microcysts of Myxococcus fulvus Demonstrated by Electron Micrography of Sections 113

Bloom, K. S., s. Ellgaard, E. G., et al. 151

Brahma, S. K., van der Saag, P. T.

Ontogeny of LDH-Isozymes in Mexican Axolotl, Ambystoma mexicanum by Thin-Layer Isoelectric Focusing 187

Brookbank, J. W.

DNA and RNA Synthesis by Fertilised, Cleavage Arrested Sea Urchin Eggs 33

Collier, J. R., s. Koser, R. B. 47

Creighton, M. O., Mousa, G. Y., Trevithick, J. R.

Differentiation of Rat Lens Epithelial Cells in Tissue Cul-

(I) Effects of Cell Density, Medium and Embryonic Age of Initial Culture 155

Dewhurst, S. A., s. Seecof, R. L. 27

Dexter, T. M., s. Allen, T. D. 191

Duc, H. T., s. Le Bouteiller, Ph., et al. 125

Easty, D. M., s, Ambrose, E. J. 61

Eckhardt, R. A., s. Eppig, J. J. 97

Ellgaard, E. G., Bloom, K. S., Baird, W. L.

Change in Size Distribution of Active Polyribosomes Associated with Puff Induction in Drosophila melanogaster Salivary Glands 151

Eppig, J. J., Eckhardt, R. A.

Protein Labelling Patterns in Oocytes of Xenopus laevis 97 Eyal-Giladi, H., Kochav, S., Menashi, M. K.

On the Origin of Primordial Germ Cells in the Chick Embrvo 13

Fellini, S. A., Holtzer, H.

The Localization of Skeletal Light Meromyosin in Cells of Myogenic Cultures 71

Flickinger, R. A.

Effect of Rate of Replication upon Transcription in Chick Embryo Limb Bud Mesenchyme Cells in Organ Culture

Gasaryan, K. G., Tarantul, W. Z., Baranov, Y. N. Transcription of Repetitive and Unique DNA Nucleotide

Sequences in Pigeon Erythroid Cells with Different Degrees of Specialization 41

Globus, M., Vethamany-Globus, S.

An in vitro Analogue of Early Chick Limb Bud Outgrowth

Goodman, R. M., s. Schmidt, E. C. 177

Harris, G., s. Olsen, I. 83

Hegre, O. D., s. McEvoy, R. C., et al. 17

Hegre, O. D., s. McEvoy, R. C. 105

Hicks, R. M., s. Hodges, G. M., et al. 143

Hodges, G. M., Hicks, R. M., Spacey, G. D.

Scanning Electron Microscopy of Cell-Surface Changes in Methylnitrosurea (MNU)-Treated Rat Bladders in vivo and in vitro 143

Holtzer, H., s. Fellini, S. A. 71

Kinsky, R. G., s. Le Bouteiller, Ph., et al. 125

Kochav, S., s. Eyal-Giladi, H., et al. 13

Koser, R. B., Collier, J. R.

An Electrophoretic Analysis of RNA Synthesis in Normal and Lobeless Ilyanassa Embryo 47

Lazarow, A., s. McEvoy, R. C., et al. 17

Le Bouteiller, Ph., Kinsky, R. G., Vujanović, N., Duc. H. T., Voisin, G. A.

Morphological Differences between Thymus- and Bone

Marrow-Derived Lymphocytes

II. An Electron Microscopic and Experimental Study in Unstimulated Mice 125

McEvoy, R. C., Hegre, O. D., Lazarow, A.

Foetal Rat Pancreas in Organ Culture. Effect of Corticosterone Concentrations on the Acinar and Islet Cell Components 17

McEvoy, R. C., Hegre, O. D.

Foetal Rat Pancreas in Organ Culture. Effects of Media Supplementation with Various Steroid Hormones on the Acinar and Islet Components 105

Meinhardt, H.

Morphogenesis of Lines and Nets 117

Menashi, M. K., s. Eyal-Giladi, H., et al. 13

Moret, R., s. Reese, D. H., et al. 75

Mousa, G. Y., s. Creighton, M. O., et al. 155

Olsen, I., Harris, G.

Effects of Mitogenic and Antigenic Stimulation on the Thymidine Kinases of Mouse Spleen Cells in vivo and in vitro 83

Prasad, K. N., Sinha, P. K.

Abnormal Regulation of Cyclic AMP Binding Proteins. A Critical Lesion of Malignancy of Non-neural Cells 59

Reese, D. H., Yamada, T., Moret, R.

An Established Cell Line from the Newt Notophthalmus viridescens 75

Rizki, R. M., Rizki, T. M.

Erratum to: Morphogenic Effects of Halogenated Thymidine Analogues on Drosophila

VI. Causal Analysis of Bromodeoxyuridine Induced Growth Lesions 199

Rizki, T. M., s. Rizki, R. M. 199

Sanders, E. J., Zalik, S. E.

Aggregation of Cells from Early Chick Blastoderms 1

Schmidt, E. C., Goodman, R. M.

Hormone-Induced Alterations in Nonhistone Protein. Methylation and Phosphorylation in Sciara coprophila 177 Secof, R. L., Dewhurst, S. A.

A 5-Bromodeoxyuridine-sensitive Interval during Drosophila Myogenesis 27

Sinha, P. K., s. Prasad, K. N. 59

Spacey, G. D., s. Hodges, G. M., et al. 143

Tarantul, W. Z., s. Gasaryan, K. G., et al. 41

Trevithick, J. R., s. Creighton, M. O., et al. 155

Vanden Driessche, Th.

Erratum to: c-AMP and Morphogenesis of Acetabularia 199

Van der Saag P. T., s. Brahma, S. K. 187

Vethamany-Globus, S., s. Globus, M. 91

Voisin, G. A., s. Le Bouteiller, Ph. 125

Vujanović, N., s. Le Bouteiller, Ph. 125

Wake, D. B.

On the Correct Scientific Names of Urodeles 195

Yamada, T., s. Reese, D. H., et al. 75

Zalik, S. E., s. Sanders, E. J. 1

San Diego Conference on Onco-Developmental Gene Expression. May 29 to June 1, 1976 197